

Jonsbo TK-2

JONSBO TK-2 Black ATX Mid-Tower PC Case Instruction Manual

Model: TK-2 Black

1. INTRODUCTION

The JONSBO TK-2 Black is an ATX Mid-Tower PC case designed for enthusiasts seeking both aesthetic appeal and functional performance. It features a unique bi-bent hyperboloid tempered glass design, offering a panoramic view of internal components. The separated cabinet structure facilitates efficient cable management and optimized cooling. Constructed with an aluminum alloy shell, this case supports a wide range of hardware, including BTF motherboards, ATX power supplies, and 360mm AIO liquid coolers.

2. SAFETY INFORMATION

- Always disconnect power before installing or servicing components.
- Handle tempered glass panels with care to prevent breakage.
- Avoid placing the PC case in direct sunlight or near heat sources.
- Ensure proper grounding to prevent electrical hazards.
- Keep small parts and tools away from children.
- Do not attempt to modify the case structure, as this may void the warranty and compromise safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- JONSBO TK-2 Black ATX Mid-Tower PC Case
- Accessory Box (screws, cable ties, standoffs, etc.)
- User Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Model Name	TK-2
Dimensions (LxWxH)	17.13 x 11.81 x 16.06 inches (300x435x408mm including foot pads)
Material	Aluminum Alloy, 4mm Tempered Glass
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX, BTF Motherboard
CPU Cooler Height (Max)	165mm
GPU Length (Max)	405mm
PSU Support	ATX (up to 220mm)
Drive Bays	3.5" HDD*2 or 2.5" SSD*1 / 3.5" HDD*1
Expansion Slots	7
Front I/O Ports	USB3.2 Gen2 Type-C*1, USB3.0*1, AUDIO*1 + MIC*1 (2-in-1)
Fan Support (Top)	120mm*3 / 140mm*2 (Optional)
Fan Support (Bottom)	120mm*3 (Optional)
Fan Support (Side)	120mm*3 (Optional)
AIO Support (Top)	360mm / 280mm
AIO Support (Bottom)	360mm

5. SETUP AND INSTALLATION

5.1 Case Overview

The JONSBO TK-2 case features a bi-bent surround view glass design, allowing for a clear display of internal hardware. The glass panels have a 2H hardness explosion-proof protective film applied, which does not need to be removed during use.

Product Overview

TK-2 2.0 also adopts the double-bending circular tempered glass 2.5 sides of the design, both hardware and garage kits can be fully displayed from multiple angles. The multi-angle side-view design supports multi-angle placement for more reasonable desktop space planning. The motherboard supports ATX and long graphics cards, and the upper and lower fan positions and dual 360 cooler exhausts are complemented by 3 fan positions on the side for a variety of combinations for better heat dissipation.



Image: Bi-Bent Surround View Glass Curvature Set, showing the U-shaped double-curved glass side view.

5.2 Motherboard Installation

This case supports ATX, Micro-ATX, Mini-ITX, and BTF (back-plug) motherboards. The backplane design allows for cleaner cable routing.



Image: Diagram illustrating backplane motherboard mounting for ITX/M-ATX/ATX motherboards.

5.3 Power Supply and Drive Bay Installation

The case accommodates ATX power supplies up to 220mm in length. It also provides flexible storage options with support for 3.5" HDDs and 2.5" SSDs.



Image: Illustration showing power supply unit (PSU) installation and compatibility.

Support High-end graphics card, Gaming is not limited

405mm GPU limited to 405mm
Strengthening heat dissipation by blowing cold air directly from the bottom fan

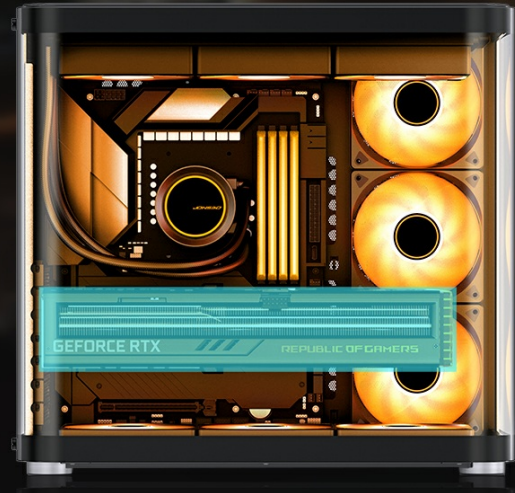


Image: Diagram showing various hard drive and SSD storage configurations within the case.

5.4 Cooling System Installation

The TK-2 offers extensive cooling support for both air and liquid solutions. It features multiple fan positions and supports large AIO radiators.

- **Top:** Supports 3x 120mm or 2x 140mm fans, or 360mm/280mm AIO.
- **Bottom:** Supports 3x 120mm fans or 360mm AIO.
- **Side:** Supports 3x 120mm fans.

Bi-Bent Surround View Glass Curvature Set

U-shaped double-curved glass side view to fully display the hardware inside the motherboard compartment

*2H hardness glass protection film applied to glass surfaces
(no need to tear it off when using)



* Connected to the box through a 2.5mm thick shock absorbing rubber ring, improving seismic protection performance







Image: Visual representation of AIO and air cooling fan placement recommendations.

5.5 Graphics Card Installation

The case supports high-end graphics cards up to 405mm in length. Optimal airflow from bottom fans can enhance GPU cooling.

Backplane motherboard ITX/M-ATX/ATX

Supports back-plug motherboard mounting for cleaner cable routing

-  motherboard auxiliary power supply and fan interface
-  SATA/USB interface
-  motherboard 24pin power supply
-  Audio/front interface

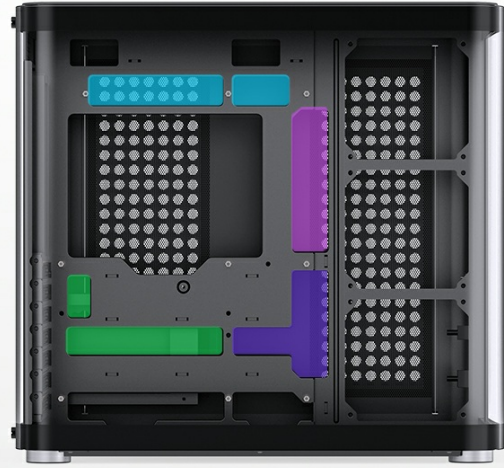


Image: Diagram showing the maximum supported GPU length of 405mm.

5.6 Front I/O Ports

The front panel provides convenient access to essential ports for connectivity.

- USB3.2 Gen2 Type-C (10Gbps) x1
- USB3.0 x1
- AUDIO + MIC (2-in-1) x1



Image: Close-up of the front I/O panel with port labels.

6. OPERATING THE PC CASE

Once all components are installed and connected, ensure all cables are properly routed and secured. Close the side panels. Connect the power cable to the PSU and an electrical outlet. Press the power button on the front I/O panel to start your system.

6.1 Airflow Optimization

The TK-2 case is designed with a vertical ascending airflow path to prevent heat buildup. Bottom-up airflow effectively cools hardware, complemented by side-mounted fans for additional ventilation.

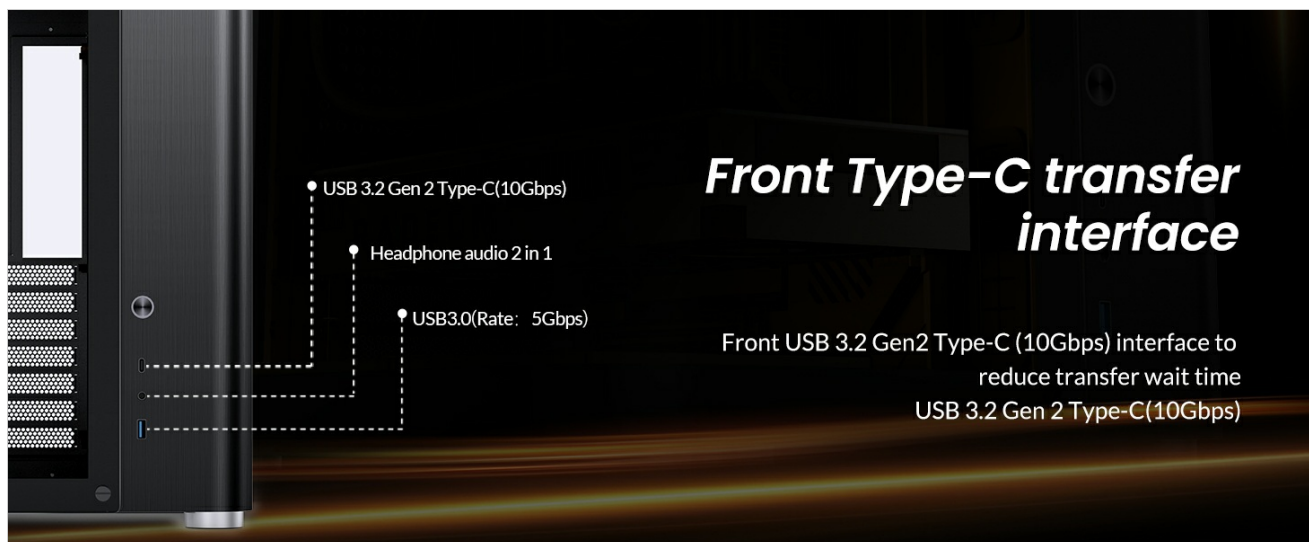


Image: Diagram illustrating the vertical ascending airflow path within the case.

6.2 Multi-Angle Placement

The case's design allows for various desktop placements, offering flexibility in how you display your system.



Image: Examples of the JONSBO TK-2 case placed at multiple angles on a desk.

7. MAINTENANCE

7.1 Cleaning

- Regularly clean the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners.
- Use compressed air to remove dust from fan filters and internal components.
- The glass panels can be cleaned with a glass cleaner and a microfiber cloth.

7.2 Dust Filters

The case includes dust filters to minimize dust accumulation. Periodically remove and clean these filters to maintain optimal airflow and cooling performance.

8. TROUBLESHOOTING

- **No Power:** Ensure the PSU is properly connected to the motherboard and wall outlet. Check the PSU switch is in the 'ON' position.

- **Overheating:** Verify all fans are spinning correctly and are free of obstructions. Clean dust filters and internal components. Ensure proper thermal paste application on the CPU.
- **Fan Noise:** Check for loose cables or components touching fan blades. Ensure fans are securely mounted.
- **USB Ports Not Working:** Confirm front I/O cables are correctly connected to the motherboard.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official JONSBO website or contact your local retailer. Keep your proof of purchase for warranty claims.

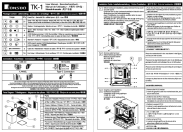


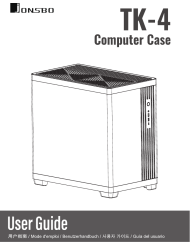
10. PRODUCT VIDEO OVERVIEW

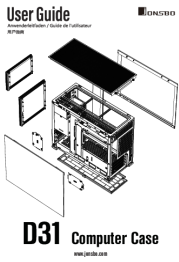

Watch this official product video for a visual overview of the JONSBO TK-2 PC Case.

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Video: JONSBO TK-2 White ATX Mid-Tower PC Case. This video showcases the design and features of the TK-2 case, including its hyperboloid glass and internal layout.

Related Documents - TK-2

	<p>JONSBO TK-1 PC Case: Installation Guide and User Manual</p> <p>This document provides a comprehensive installation guide and user manual for the JONSBO TK-1 PC case. It covers package contents, a detailed parts list, and step-by-step instructions for assembling your computer system within the TK-1 chassis, including guidance on installing the motherboard, PSU, storage drives (SSD/HDD), graphics card, and cooling components. Ensure all steps are followed for proper setup.</p>
	<p>JONSBO TK-3 PC Case Installation Guide</p> <p>Comprehensive installation manual for the JONSBO TK-3 ATX PC case, detailing package contents, component identification, and step-by-step assembly instructions for hardware installation.</p>
	<p>JONSBO N3 PC Case Installation Guide</p> <p>Comprehensive installation guide for the JONSBO N3 PC case, detailing package contents, component installation steps for PSU, motherboard, SSDs, HDDs, and cable management.</p>
	<p>JONSBO TK-4 Computer Case User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the JONSBO TK-4 computer case, detailing product specifications, parts list, and step-by-step assembly instructions for PC building.</p>

 <p>The image shows the cover of the 'User Guide' for the Jonsbo D31 Computer Case. It features a technical illustration of the case with its side panel removed, revealing internal components like the motherboard, RAM, and PSU. The text 'User Guide' is at the top, and 'D31 Computer Case' is prominently displayed in the center. The Jonsbo logo is in the top right corner.</p>	<p>Jonsbo D31 Computer Case Installation Guide and Specifications</p> <p>Comprehensive guide for the Jonsbo D31 computer case, covering parts list, chassis specifications, PSU and graphics card installation, cooling options, and compatibility. Features detailed steps for building your PC.</p>
 <p>The image shows the cover of the 'User Guide' for the Jonsbo BO400CG Computer Case. It features a simple line drawing of the case. The text 'User Guide' is at the bottom, and 'BO400CG Computer Case' is prominently displayed in the center. The Jonsbo logo is in the top left corner.</p>	<p>JONSBO BO400CG Computer Case User Guide - Installation and Specifications</p> <p>Comprehensive user guide for the JONSBO BO400CG computer case, detailing technical specifications, compatibility, and step-by-step installation instructions for components like motherboards, power supplies, storage, and graphics cards.</p>